



Certificate of Analysis

Customer: THE SOAP KITCHEN
Product: D-Panthenol 75 W
Batch Number: 180830Y16
Reference: Order: BILL1012
Code: n/a
Quantity: 2 x 25kg nett wt Poly Pails

Test	Analysis	Specification
Appearance	Conforms	Colourless, viscous and clear liquid
Assay, %	76.4	75.0 - 78.5
Identification (IR Spectrum)	Positive reaction	Positive reaction
Specific Rotation (on dried basis), degrees	30.70	+29.5 - +32.0
Aminopropanol content, %	Conforms	1.0 maximum
Residue on Ignition, %	Conforms	0.1 maximum
Refractive Index	Conforms	1.466 - 1.475
Heavy Metals, ppm	Conforms	10 maximum
Organic Volatile Impurities	Conforms	USP Requirements
pH	Conforms	5.5 - 7.5

Date of Manufacture: 30/08/2018

Recommended Date of Re-Test: 29/08/2020

NK CHEMICALS EUROPE LTD

Issue date: 10/12/2018

Authorised signa This is an electronically generated document and is valid without a signature

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